

**PCT**WORLD INTELLECTUAL PROPERTY ORGANIZATION  
International Bureau

## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification <sup>7</sup> :</b> <b>H04L 29/06, 12/28, H04N 7/173</b>	<b>A1</b>	<b>(11) International Publication Number:</b> <b>WO 00/51310</b> <b>(43) International Publication Date:</b> 31 August 2000 (31.08.00)
<b>(21) International Application Number:</b> PCT/US00/04010 <b>(22) International Filing Date:</b> 16 February 2000 (16.02.00)  <b>(30) Priority Data:</b> 09/255,052                      22 February 1999 (22.02.99)                      US  <b>(71) Applicant:</b> LIBERATE TECHNOLOGIES LLC [US/US]; 2 Circle Star Way, San Carlos, CA 94070-6200 (US).  <b>(72) Inventors:</b> BOUCHER, Antoine; 32-270 North Center Road, London, Ontario N6G E2 (CA). FISCHER, James; 11727 East Sand Hills Road, Scottsdale, AZ 85255-5648 (US). LODBERG, Allan, E.; 878 West Berry Place, London, Ontario N6J 2E4 (CA).  <b>(74) Agent:</b> BRUCKNER, John, J.; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (US).		<b>(81) Designated States:</b> CA, CH, JP, NO, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).  <b>Published</b> <i>With international search report.</i>
<b>(54) Title:</b> SYSTEM AND METHOD FOR INTERACTIVE DISTRIBUTION OF SELECTABLE PRESENTATIONS  <b>(57) Abstract</b>  A data storage, multiplexing, and distribution method is provided for use in a digital data distribution system. The system provides simultaneous transmission of a plurality of uniquely identified, independent data streams within an assigned channel bandwidth of local, metropolitan and wide area distribution media. The independent data streams can include presentations specifically requested by the receiving user. Upon request from some number of users from their premises, the system assembles a combination of optional image elements such as motion and still frame video, background and descriptive audio, text and graphical overlays into presentation data streams appropriate to the user requests. Individual data streams are multiplexed within a higher bandwidth data stream for simultaneous delivery within the bandwidth assigned for this data transmission. The techniques unique to the system, in regard to storage, timing and synchronization, can be implemented using techniques described within the MPEG profile.		